

SECRET/SECURITY INFORMATION

VACUUM TUBE GLASS USED IN THE USSR -

25X1A

Type of Glass	Purpose	Physical Properties			
		Temp. Strain Point $\eta = 25 \cdot 10^{13}$	Annealing Point $\eta = 10^9$	Co-efficient of Expansion $\alpha \cdot 10^7$	
I B	Rx and Tx valves		510-530	87-90	25-100°C
Nr 16	Tubes, rods, lamp pinches	460	490-510	87-90	25-100°C
IV B	Tubes, pinches/bases for Rx valves	450	480-500	87-90	25-100°C
G 1	" "	425		92	25-325°C
3 C-4	" "	425	475-490	85-89	0-310°C
Nr 82	Lamp and Rx valve envelopes	500	520-550	88-92	25-100°C
Nr 71	" "	500	510-530	87-90	25-100°C
6A 1	Glass tube for button bases, lamps and small valves		510-540	86-90	25-100°C
Nr 112	" "		510-550	87-90	25-100°C
Nr 23	Envelopes and tubes for Tx, X-ray and other larger valves	530	570-590	84-87	25-100°C
Nr 46	" "	550	580-600	46-48	25-100°C
3 C - 5	" "	515	560-570	48-50	25-100°C
Nr 35	" "		560-580	52-56	25-100°C
702 P	" "	520	580	36	25-325°C
Pyrex	Kinoscopes	560	620	33	25-325°C

ENCLOSURE (B)

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